APR D 9 2003

PTO/SB/21 (modified)

Approved for use through xx/xx/xx, OMB 0651-003

| <b>3</b> 9   |   | Pate                                  | ent an                                 | d Tra                               |                      |                          | MENT OF COMMERCE         |            |
|--|---|---------------------------------------|--|-------------------------------------|----------------------|--------------------------|--------------------------|------------|
| 0001/PTO<br>Rev. 10/95   | U.S. Department of<br>Patent and Trade  | Commerce                              |  | Application Number                  |                      | 09/976,841               |                          |            |
| TRANSMITTAL FORM  (to be used for all correspondence during pendency of filed application) |   |                                       | Filing Date                            |                                     |                      | October 1                |                          |            |
|  |   |                                       | First Named Inventor                   |                                     |                      | Jeffrey C.               |                          |            |
|  |   |                                       | Group Art Unit Number                  |                                     |                      | 2681                     | VED                      |            |
|  |   |                                       | Examiner Name                          |                                     |                      | Unknown                  | APR 14                   | 2003       |
| Total Number of Pag  | ges in This Submission  | 23                                    | Atto                                   | mey                                 | Docket Number        | 21495-059                | Technology C             | enter 2600 |
|  | ENCL  | OSURES                                | (ch                                    | ieck                                | all that apply       | /)                       |                          | 1          |
| Fee Transmitta   | l Form (in duplicate)   |                                       |  | П                                   | Issue Fee Transi     |                          |                          |            |
|  | ck Enclosed (\$1,896.00   | <b>)</b> )                            |  | $\overline{\Box}$                   | Letter to Chief Dr   |                          |                          |            |
| Return Receipt   |   |                                       |  | Formal Drawing(s):                  |                      |                          |                          |            |
|  | otice to File Missing Par   | ts                                    |  | ш                                   |                      | s).<br>s) of Figure(s) [ | 1                        |            |
| =  | Recordation Cover Shee  |                                       |  | П                                   |                      |                          | d of Appeals and         |            |
| Declaration  |   |                                       |  | Interferences                       |                      |                          |                          |            |
| Power of Attorn  | ey  |                                       |  | Appeal Communication to Group       |                      |                          | i                        |            |
| Application Dat  |   |                                       |  | (Appeal Notice, Brief, Reply Brief) |                      |                          |                          |            |
|  | closure Statement & PT  |                                       | Certified Copy of Priority Document(s) |                                     |                      |                          |                          |            |
|  | es of IDS Cited Reference   | ces                                   |  | H                                   | After Allowance (    | Communication            | n to Group               |            |
| Request for Corrected Filing Receipt   |   |                                       |  |                                     | -                    |                          |                          |            |
| Request for Correction of Recorded Assignment  |   |                                       |  |                                     | •                    |                          |                          |            |
|  | endment: 20 Pages   |                                       |  | $\sqcup$                            |                      |                          | <del></del>              |            |
| After  | Final   |                                       |  |                                     |                      |                          |                          |            |
| Status Request   |   |                                       |  |                                     |                      |                          |                          |            |
| Revocation and   | Substitute Power of At  | torney                                |  |                                     |                      |                          |                          |            |
| DEMARKS  |   |                                       |  |                                     |                      |                          |                          |            |
| REMARKS:   |   |                                       |  |                                     |                      |                          | •                        |            |
|  | SIGNA   | TURE OF                               | ATT                                    | ORI                                 | NEY OR AGEN          | NT .                     |                          |            |
| Signature:   | 97  | ten                                   |  |                                     |                      |                          |                          |            |
| Attorney/Reg. No.: Amir H. Raubvegel, Reg. No.: 37,  |   |                                       | ,070                                   |                                     |                      | Dated:                   | April 4, 2003            |            |
|  | (   | CERTIFICA                             | ATE                                    | OF                                  | MAILING              |                          |                          |            |
| first class mail in an env<br>If the Express Mail Maili                                    | correspondence, including t<br>relope addressed to: Comming Number is filled in below<br>the to Addressee" service pu | issioner for Pat<br>, then this corre | ents, P<br>espond                      | P.O. B<br>lence                     | ox 1450, Alexandria, | VA 22313-1450            | on the date shown below. |            |
| Signature:   |   | Par                                   | $\overline{}$                          | _                                   |                      |                          |                          |            |
| Typed or Printed Name: Amir H. Raubvogel Dated: April 4, 2003                              |   |                                       |  |                                     |                      |                          |                          |            |
| Express Mail Mailing   | Number (optional):  |                                       |  |                                     |                      |                          |                          |            |

21495/05938/DOCS/1339842.1

PTO/SB/17 (10-02) (Modified)
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

Applicant claims small entity status. See 37 CFR 1.2

TOTAL AMOUNT OF PAYMENT (\$) 1,896.00

|   |                      | Complete if Known                             |  |  |  |  |  |
|---|----------------------|---|--|--|--|--|--|
|   | Application Number   | 09/976,841                                    |  |  |  |  |  |
| İ | Filing Date          | October 13, 2001 DECEIVED                     |  |  |  |  |  |
|   | First Named Inventor | Jeffrey C. Hawkins                            |  |  |  |  |  |
|   | Examiner Name        | Llokoovo                                      |  |  |  |  |  |
|   | Art Unit             | 2681 APR 1 4 2003                             |  |  |  |  |  |
|   | Attorney Docket No.  | <sup>21495-05938</sup> Technology Center 2600 |  |  |  |  |  |

| METHOD OF PAYMENT (check all that apply)                                  | FEE CALCULATION (continued) |                      |  |  |  |  |  |
|---|-----------------------------|----------------------|--|--|--|--|--|
| □ Check □ Credit Card □ Money Order □ Other □ None     □ Deposit Account: | 3. ADDITIONAL FEES          |                      |  |  |  |  |  |
| Deposit Account Number 19-2555  | Large Entity                | Small Entity         | Fee Description Fee Paid   |  |  |  |  |
| Deposit Account Name Fenwick & West LLP                                   | Fee Fee<br>Code (\$)        | Fee Fee<br>Code (\$) |  |  |  |  |  |
| The Commissioner is authorized to: (check all that apply)                 | 1051 130                    | 2051 65              | Surcharge - late filing fee or oath  |  |  |  |  |
| ☐ Charge fee(s) indicated below ☐ Credit any overpayments                 | 1052 50                     | 2052 25              | Surcharge - late provisional filing fee or cover sheet                     |  |  |  |  |
| Charge any additional fee(s) during the pendency of this                  | 1053 130                    | 1053 130             | Non-English specification  |  |  |  |  |
| application   | 1812 2,520                  | 1812 2,520           | For filing a request for ex parte reexamination                            |  |  |  |  |
| Charge fee(s) indicated below, except for the filing fee to               | 1804 920*                   | 1804 920*            | Requesting publication of SIR prior to Examiner action                     |  |  |  |  |
| the above-identified deposit account.                                     | 1805 1,840*                 | 1805 1,840*          | Requesting publication of SIR after Examiner action                        |  |  |  |  |
| FEE CALCULATION   | 1251 110                    | 2251 55              | Extension for reply within first month                                     |  |  |  |  |
| 1. BASIC FILING FEE   | 1252 410                    | 2252 205             | Extension for reply within second month                                    |  |  |  |  |
| Large Entity Small Entity   | 1253 930                    | 2253 465             | Extension for reply within third month                                     |  |  |  |  |
| <u>Fee Fee Fee Fee Description</u> Fee Paid                               | 1254 1,450                  | 2254 725             | Extension for reply within fourth month                                    |  |  |  |  |
| Code (\$)   Code (\$)   | 1255 1,970                  | 2255 985             | Extension for reply within fifth month                                     |  |  |  |  |
| 1001 750 2001 375 Utility filing fee                                      | 1401 320                    | 2401 160             | Notice of Appeal   |  |  |  |  |
| 1002 330 2002 165 Design filing fee                                       | 1402 320                    | 2402 160             | Filing a brief in support of an appeal                                     |  |  |  |  |
| 1003 520 2003 260 Plant filing fee  | 1403 280                    | 2403 140             | Request for oral hearing   |  |  |  |  |
| 1004 750 2004 375 Reissue filing fee                                      | 1451 1,510                  | 1451 1,510           | Petition to institute a public use proceeding                              |  |  |  |  |
| 1005 160 2005 80 Provisional filing fee                                   | 1452 110                    | 2452 55              | Petition to revive - unavoidable   |  |  |  |  |
| SUBTOTAL (1) (\$) 0.00  | 1453 1,300                  | 2453 650             | Petition to revive - unintentional   |  |  |  |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE                               | 1501 1,300                  | 2501 650             | Utility issue fee (or reissue)   |  |  |  |  |
| Extra Claims Fee from Fee Paid  | 1502 470                    | 2502 235             | Design issue fee   |  |  |  |  |
| Total Claims 111 -29**= 82 X 18 = 1476                                    | 1503 630                    | 2503 315             | Plant issue fee  |  |  |  |  |
| Independent 9 -4** = X 84 = 420   | 1460 130                    | 1460 130             | Petitions to the Commissioner  |  |  |  |  |
| Multiple Dependent =  | 1807 50                     | 1807 50              | Processing fee under 37 CFR 1.17(g)  |  |  |  |  |
| Large Entity Small Entity   | 1806 180                    | 1806 180             | Submission of Information Disclosure Stmt                                  |  |  |  |  |
| Fee Fee Code (\$) Fee Description   | 8021 40                     | 8021 40              | Recording each patent assignment per property (times number of properties) |  |  |  |  |
| 1202 18 2202 9 Claims in excess of 20                                     | 1809 750                    | 2809 375             | Filing a submission after final rejection (37 CFR 1.129(a))                |  |  |  |  |
| 1201 84 2201 42 Independent claims in excess of 3                         | 1810 750                    | 2810 375             | For each additional invention to be examined (37 CFR 1.129(b))             |  |  |  |  |
| 1203 280 2203 140 Multiple dependent claim, if not paid                   | 1801 750                    | 2801 375             | Request for Continued Examination (RCE)                                    |  |  |  |  |
| 1204 84 2204 42 **Reissue independent claims over original patent         | 1802 900                    | 1802 900             | Request for expedited examination of a design application                  |  |  |  |  |
| 1205 18 2205 9 **Reissue claims in excess of 20 and over original patent  | Other fee (speci            | fy)                  |  |  |  |  |  |
| SUBTOTAL (2) (\$) 1,896.00  | SUBTOTAL (3) (\$) 0.00      |                      |  |  |  |  |  |
| or number previously paid, if greater; For Reissues, see above            | *Reduced by Bas             | ic Filing Fee Paid   |  |  |  |  |  |
|   |                             |                      |  |  |  |  |  |

| SUBMITTED BY      |   |  |        |      | Complete (if applicable) |
|-------------------|---|--|--------|------|--------------------------|
| Name (Print/Type) | me (Print/Type)  Amir H. Raubvogel  Registration No. (Attorney/Agent) |  | 37,070 |      | Telephone (650) 335-7607 |
| Signature         | Torr  |  |        | Date | April 4, 2003            |



## IN THE UNITED STATES

## PATENT AND TRADEMARK OFFICE

APPLICANTS:

Jeffrey C. Hawkins, et al.

APPLICATION NO.:

09/976,841

FILING DATE:

October 13, 2001

TITLE:

Hand-Held Device

**Technology Center 2600** 

APR 1 4 2003

RECEIVED

**EXAMINER:** 

Unknown

GROUP ART UNIT:

2681

ATTY. DKT. NO.:

21495-05938

COMMISSIONER FOR PATENTS

PO BOX 1450 11/12/2003 BDAVENDU 0000002 192555 09976841 ALEXANDRIA, VA 22313-1450

PRELIMÍNARY AMENDMENT

SIR:

Prior to examination of the subject patent application, please add the following

new claims:

30. In a handheld device that serves as both a data entry device and a wireless

telephone, a keyboard comprising:

a plurality of keys arranged in a QWERTY configuration;

wherein the plurality of keys comprises at least nine multi-value keys, each

associated with at least a primary value and a numeric secondary value, the at least nine

4/11/2003 SMINASS1 00000031 09976841

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1476.00 OP / 420.00 OP/

**CASE 5938** 

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